

What is claimed is:

1. An alarm system for alerting the operator of a vehicle having a motorized drive, the alarm system comprising:

a. a sensor for sensing a specified condition of the vehicle; and

5           b. a controller for causing the vehicle, in response to the specified condition, to be accelerated with a vehicle acceleration modulated with a periodic modulation such that the vehicle acceleration alternates between braking and speeding up and braking over each period of the modulation.

10           2. An alarm system according to claim 1, wherein the vehicle further includes a control loop in which a motorized drive is included, for propelling the vehicle in a condition of dynamic balance with respect to tipping in the fore-aft plane.

3. An alarm system according to claim 2, wherein the controller provides an input to the control loop upon occurrence of a specified condition, the input having a periodic factor.

15           4. An alarm system according to claim 3, the input further having a multiplicative coefficient.

5. An alarm system according to claim 3, the input contributing differentially to a torque applied to a left wheel and a torque applied to a right wheel.

20           6. An alarm system according to claim 1, the specified condition including at least one of low battery power, a specified vehicle speed, and receipt by the controller of conflicting values from redundant subsystems.

7. A method for alerting a rider of a vehicle to a condition requiring attention, the method comprising:

a. sensing a specified condition of the vehicle; and

b. accelerating the vehicle, in response to the specified condition, with a vehicle

5 acceleration modulated with a periodic modulation such that the vehicle acceleration alternates between braking and speeding up and braking over each period of the modulation.

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